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ELECTRICAL SWITCHING ARRANGEMENT HAVING AN
ELECTROMAGNETIC RELAY

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CLAIM FOR PRIORITY

This application is a national stage of International Application No. PCT/DE03/00070 which was published on July 31, 2003 and which claims the benefit of priority to

10 German Application No. 102 03 682.9 filed January 24, 2002.

TECHNICAL FIELD OF THE INVENTION

The invention relates to an electrical switching 15 arrangement having an electromagnetic relay, a switching device, whose outputs are arranged parallel to one contact of the electromagnetic relay, and a control arrangement which is connected to the coil of the electromagnetic relay and to the switching device.

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BACKGROUND OF THE INVENTION

Such an arrangement is disclosed as a so-called instantaneous release unit in the appliance manual "Schutztechnik - Digitaler Oberleitungsschutz 7SA518/519 25 V3.2" [Protective relaying - digital overhead line protection 7SA518/519 V3.2] issued by Siemens AG, November 1999 (cf. pp. 3-6, R-13 and R-15). This instantaneous release unit serves the purpose of reducing the switch-on time of a downstream protective device. For 30 this purpose, the outputs of a switching arrangement are arranged parallel to one contact of an electromagnetic command relay. Both the switching arrangement and the command relay are connected to a control unit via isolated connecting lines. If the control arrangement 35 emits a switching command, both the contact of the

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